

Attachment B
New Hampshire Department of Environmental Services
Drinking Water and Groundwater Bureau

Surface Water Supply Sources: Summary of Protections

EPAID	Source #	System	Source	CSPA Protection ¹	Population Served	Designated River ²	Watershed Area in Conservation Land	Riparian Shoreline with Buffer Protection ³	Env-Ws 386 ⁴ Setback (ft)
1471010	1	MANCHESTER WATER WORKS	LAKE MASSABESIC	Y	133,000		28%	31%	200-300
1621010	4	PENNICHUCK WATER WORKS	MERRIMACK RIVER	Y	85,000	Y	22%	53%	none
1621010	2	PENNICHUCK WATER WORKS	HARRIS POND	Y	85,000		11%	26%	75
1621010	5	PENNICHUCK WATER WORKS	SUPPLY POND	Y	85,000		11%	27%	none
501010	2	CITY OF CONCORD	PENACOOK LAKE	Y	38,000		41%	80%	200
501010	3	CITY OF CONCORD	CONTOOCOOK RIVER	Y	38,000	Y	27%	(⁵)	none
1951010	9	PORTSMOUTH WATER WORKS	BELLAMY RESERVOIR	Y	33,000		12%	42%	75
1241010	5	KEENE WATER DEPT	BABBIDGE POND RESERVOIR	Y	25,000		68%	89%	75
2001010	1	ROCHESTER WATER DEPT	ROCHESTER RESERVOIR, ROUND POND, & BERRY R.	N	20,000		9%	29%	75
2051010	10	SALEM WATER DEPT	ARLINGTON MILL RESERVOIR	Y	18,000		10%	37%	none
2051010	1	SALEM WATER DEPT	CANOBIE LAKE	Y	18,000		3%	80%	75

¹ Protection of the source itself (Y = Protected, N = Not protected) under the Comprehensive Shoreland Protection Act (RSA 483-B) as amended in 2008.

² Is the river segment where the intake is located a “designated river” (Y = Designated)) under NH Rivers Management and Protection Act (RSA 483).

³ Percentage of shoreline on the source and all tributary streams and ponds with buffer protection under the Comprehensive Shoreland Protection Act, local land use regulations, or adjacent conservation land. For further explanation, please see “Measuring Riparian Buffer Protection Within Water Supply Watersheds in New Hampshire.”

⁴ These rules establish protections – specific to each water supply source – that sometimes include setbacks for certain land uses (typically those that involve animals, waste disposal, or sewage disposal).

⁵ Not included in Buffer Gap Analysis.

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691010	3	UNH /DURHAM WATER SYSTEM	LAMPREY RIVER	Y	16,000	Y	13%	29%	none
691010	2	UNH /DURHAM WATER SYSTEM	OYSTER RIVER RESERVOIR	Y	16,000		21%	40%	none
231010	1	BERLIN WATER WORKS	AMMONOOSUC RIVER	Y	12,501		98%	100%	none
1281010	1	LACONIA WATER WORKS	PAUGUS BAY	Y	12,000		11%	61%	none
2151010	7	SOMERSWORTH WATER WORKS	SALMON FALLS RIVER	Y	12,000		3% ⁶	30%	none
461010	7	CLAREMONT WATER DEPT	DOLE RESERVOIR	N	11,250		42%	100%	75
461010	8	CLAREMONT WATER DEPT	RICE RESERVOIR	Y	11,250		32%	100%	75
461010	4	CLAREMONT WATER DEPT	WHITEWATER RESERVOIR	Y	11,250		16%	23%	75
461010	6	CLAREMONT WATER DEPT	SUGAR RIVER	Y	11,250		11%	32%	none
801010	2	EXETER WATER DEPT	DEARBORN RESERVOIR	Y	11,000		11%	56%	none
801010	3	EXETER WATER DEPT	EXETER RIVER	Y	11,000		9%	27%	none
1321010	2	LEBANON WATER DEPT	MASCOMA RIVER	Y	10,050		14%	22%	none
1071010	1	HANOVER WATER WORKS CO	HANOVER RESERVOIRS	Y	8,500		59%	100%	75
1381010	3	LITTLETON WATER AND LIGHT DEPT	SOUTH BRANCH (GALE RIVER)	N	5,800		100%	100%	none
1381010	1	LITTLETON WATER AND LIGHT DEPT	NORTH BRANCH GALE RIVER	N	5,800		99%	100%	200
2561010	1	WOLFEBORO WATER AND SEWER	UPPER BEACH POND	Y	5,500		28%	19%	none

⁶ Conservation land and riparian buffer protection percentages represent only the New Hampshire portion of watershed.

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1741010	1	NEWPORT WATER WORKS	GILMAN POND	Y	5,000		36%	62%	200
1731010	3	NEWMARKET WATER WORKS	LAMPREY RIVER	Y	5,000		14%	29%	none
1731010	4	NEWMARKET WATER WORKS	PISCASSIC RIVER	Y	5,000		13%	39%	none
1521010	1	MEREDITH WATER DEPT	LAKE WAUKEWAN	Y	3,500		9%	75%	125-200
911010	3	GOFFSTOWN VILLAGE PRECINCT	WHITTLE BROOK RESERVOIR	N	3,000		70%	99%	75
1351010	2	LINCOLN WATER WORKS	LOON POND BROOK RESERVOIR	N	2,750		100%	100%	none
1351010	6	LINCOLN WATER WORKS	EAST BRANCH PEMIGEWASSET RIVER	Y	2,750		99%	99%	none
921010	3	GORHAM WATER AND SEWER DEPT	ICY GULCH	N	2,630		98%	100%	none
921010	4	GORHAM WATER AND SEWER DEPT	PERKINS BROOK	N	2,630		85%	95%	none
1291010	1	LANCASTER WATER DEPT	GARLAND BROOK	Y	2,450		87%	78%	75
2271010	1	SUNAPEE WATER WORKS	LAKE SUNAPEE	Y	2,082		21%	56%	75
1101040	3	WOODSVILLE WATER AND LIGHT	AMMONOOSUC RIVER	Y	2,000	Y	42%	50%	none
1141010	1	HILLSBOROUGH WATER WORKS	LOON POND	Y	2,000		5%	52%	75
241010	1	BETHLEHEM VILLAGE DISTRICT	SOUTH BRANCH (GALE RIVER)	Y	1,700		100%	100%	none
241010	2	BETHLEHEM VILLAGE DISTRICT	ZEALAND RIVER	N	1,700		100%	100%	none
1191010	1	CONTOOCOOK VILLAGE PRECINCT	BEAR POND	Y	1,600		40%	100%	75
1911010	1	PITTSFIELD AQUEDUCT CO	BERRY POND	Y	1,595		27%	100%	75

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991010	2	GREENVILLE WATER DEPT	TOBY RESERVOIR	Y	1,100		4%	17%	75
81010	1	ANDOVER VILLAGE DISTRICT	BRADLEY LAKE	Y	650		67%	100%	75
161010	1	BARTLETT VILLAGE PRECINCT	ALBANY RIVER	N	625		100%	99%	75
1691010	1	NEW HAMPTON VILLAGE PRECINCT	MOUNTAIN POND/GORDON HILL RESERVOIR	N	600		16%	33%	75
351010	1	CANAAN WATER DEPT	CANAAN ST /LAKE	Y	600		0%	31%	75
1211010	4	JACKSON WATER PRECINCT	ELLIS RIVER	N	500		89%	89%	none
2494010	7	CHESHIRE COUNTY HOME	CONNECTICUT RIVER	Y	480	Y	11% ⁷	35%	none
1061010	1	HANCOCK WATER WORKS	JUGGERNAUT POND	Y	413		100%	100%	none
151010	1	SWAINS LAKE VILLAGE WATER	SWAINS LAKE	Y	150		6%	57%	none

⁷ Conservation land and riparian buffer protection percentages represent only the New Hampshire portion of watershed